



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>6</sup> :</b>  <b>A61K 39/39</b>	<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 99/52549</b>  <b>(43) International Publication Date:</b> 21 October 1999 (21.10.99)
<b>(21) International Application Number:</b> PCT/EP99/02278  <b>(22) International Filing Date:</b> 29 March 1999 (29.03.99)  <b>(30) Priority Data:</b> 9807805.8                      9 April 1998 (09.04.98)                      GB 9820956.2                      25 September 1998 (25.09.98)                      GB  <b>(71) Applicant (for all designated States except US):</b> SMITHK- LINE BEECHAM BIOLOGICALS S.A. [BE/BE]; Rue de l'Institut 89, B-1330 Rixensart (BE).  <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> FRIEDE, Martin [GB/BE]; SmithKline Beecham Biologicals S.A., Rue de l'Institut 89, B-1330 Rixensart (BE). HERMAND, Philippe [BE/BE]; SmithKline Beecham Biologicals S.A., Rue de l'Institut 89, B-1330 Rixensart (BE).  <b>(74) Agents:</b> TYRRELL, Arthur, William, Russell et al.; SmithKline Beecham Corporate Intellectual Property, Two New Hori- zons Court, Brentford, Middlesex TW8 9EP (GB).		<b>(81) Designated States:</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the</i> <i>claims and to be republished in the event of the receipt of</i> <i>amendments.</i>
<b>(54) Title:</b> ADJUVANT COMPOSITIONS  <b>(57) Abstract</b>  The present invention relates to an adjuvant composition comprising a polyoxyethylene ether or a polyoxyethylene ester, in combination with a pharmaceutically acceptable excipient, and to a vaccine comprising such adjuvant compositions and antigen. In addition, the present invention relates to the use of polyoxyethylene ethers or esters in the manufacture of adjuvant formulations, and vaccine formulations, and their use as medicaments.  <div style="text-align: right; margin-top: 100px;"> <i>this opinion</i> </div>		